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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/024,579		
	Filing Date	Dec 18, 2001	
	First Named Inventor	Friddle, Carl Johan	
	Group Art Unit	1653	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in This Submission	18	Attorney Docket Number	LEX-0274-USA

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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<input checked="" type="checkbox"/> Supplemental Information Disclosure Statement	<input type="checkbox"/> Request for Refund	- Supplemental PTO1449 and copies of (4) References Cited
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	- International Search Report cited as Reference CN
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
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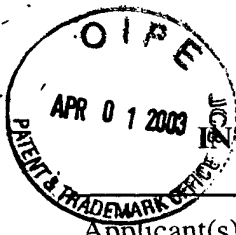
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Lexicon Genetics Incorporated	
	Lance K. Ishimoto Reg. No. 41,866	
Signature	Lance K. Ishimoto by David W. Heber DAVID W. HEBER REG. NO. 41,071	24231 PATENT TRADEMARK OFFICE
Date	March 27, 2003	

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Arlington, VA 22202 on this date: March 27, 2003

Typed or printed name	Michelle Klein	Date	March 27, 2003
Signature	Michelle Klein		



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant(s): Friddle et al.

Application No.: 10/024,579

Filed: December 18, 2001

Title: Novel Human Ion Channel-Related
Proteins and Polynucleotides Encoding
the Same

Attorney Docket No.: LEX-0274-USA

APR 04 2003

TECH CENTER 1600/2900

Group Art Unit: 1653

Examiner: To Be Assigned

Assistant Commissioner for Patents
Box DD
Arlington, VA 22202

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Supplemental Information Disclosure Statement is submitted:

☒ under 37 CFR 1.97(b), or

(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)

☐ under 37 CFR 1.97(c) together with either a:

☐ Certification under 37 CFR 1.97(e), or

☐ a \$240.00 fee under 37 CFR 1.17(p), or

(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

☐ under 37 CFR 1.97(d) together with a:

☐ Certification under 37 CFR 1.97(e), and

☐ a petition under 37 CFR 1.97(d)(2)(ii), and

☐ a \$130.00 petition fee set forth in 37 CFR 1.17(i)(1).

(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

☒ Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there

may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that under 37 CFR § 1.97 (e)(1) each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application corresponding to the above-identified application not more than three (3) months prior to the filing of this Information Disclosure Statement.

Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

The Commissioner is hereby authorized to charge any additional fee required or credit any overpayment for this Information Disclosure Statement to Lexicon Genetics Deposit Account No. 50-0892. A copy of this sheet is enclosed.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

March 27, 2003
Date

Lance K. Ishimoto by David W. Hubler ^{DAVID W. HUBLER}
Lance K. Ishimoto ^{REG. NO. 41,071}
Reg. No. 41,866

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Substitute for form 1449A/PTO		Complete if Known	
APR 01 2002 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/024,579
		Filing Date	December 18, 2001
		First Named Inventor	Friddle
		Group Art Unit	1653
		Examiner Name	Not Yet Assigned
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	CK	DATABASE EMBL 'Online! Hypothetical protein fragment, 1 October 2002, ANSORGE: retrieved from EBI Database accession no. Q8N3Q9, XP002226908	
	CL	DATABASE EMBL 'Online! Human PAC clone from 7p11.2-q11.2, 23 November 1998, retrieved from EBI, Database accession no. AC006001, XP002226909	
	CM	DATABASE EMBL 'Online! human ion voltage channel, 1 April 1990, "Potassium voltage-gated channel subfamily E member 1", retrieved from EBI Database accession no. P15382, XP002227965	
	CN	International Search Report	

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*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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